

CLAROX® GF



FILTER CARTRIDGES

Pre- and fine filtration cartridge with adsorption effect



- Glass fiber pre-filter for beverage clarification, used in pre-filtration area for water, wine, spirits, beer, rinse water filtration for membrane filters.
- Designed to retain very fine particles and reduce bio-burden. Retention of fine particles and colloids by adsorption.
- Obtained from pleated borosilicate micro-fibers with up and downstream polypropylene layers.
- Pre-flushed, meet CFR21 non fiber releasing requirements.
- High holding and adsorption capacity.
- Thermo welded construction.
- Steamable.
- Easy cleaning by back flushing.
- EC-listed materials for food contact.
- FDA-listed materials per CFR21.

Materials of construction

Filter media	Borosilicate micro-fiber
Upstream support	Polypropylene
Downstream support	Polypropylene
Internal core	Polypropylene
External cage	Polypropylene
Adapter and end caps	Polypropylene

Operating conditions

Max. continuous operating temperature	65 °C
Max. differential pressure	5.0 bar at 20 °C / 2.0 bar at 80 °C
Max. differential pressure back-flushing	2.0 bar at 20 °C
Recommended change out differential pressure	2.0 bar at 25 °C
Thermal sterilization	Water at 85 °C max.
Sterilization by steam	Continuously with cycles of 30 min. at 121 °C

Technical data

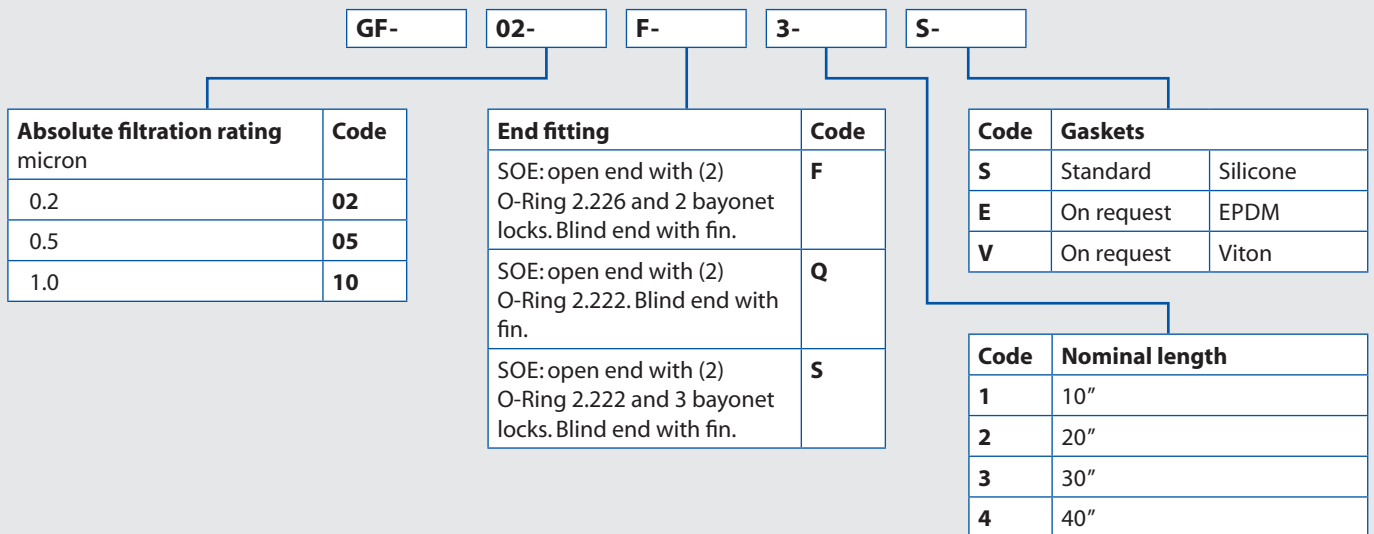
Description	CLAROX® GF
Nominal filtration rating (efficiency > 99.0%)	0.2 / 0.5 / 1.0 micron
Performances per cartridge 10"	From 200–1500 l/h depending on temperature, product and rating

Micron range of CLAROX® GF



General data	
Application area	Water, wine, distillates, beer, process water (membrane CIP)
Chemicals resistance, allowed products	Withstands acids and alkalis, pH 2 to 10, alcohols, solvents.
Chemicals resistance, not allowed products	Not compatible with strong oxidizing agents, e.g. 98% sulfuric acid, fuming nitric and bromic acid; CHC and aromatic solvents – benzene, toluene.
Food safety	European directive 82/711/ECC, 85/572/ECC, 89/109/ECC, 93/8/ECC, 97/48/EC, 2001/61/EC, 2002/16/EC, 2002/72/EC and 2004/19/EC for food contact and global migration.
Bio safety	Pass USP Biological reactivity and chemical-physical test for class VI plastics. Specific for Ph grade, meets USP water for injection requirements for particle release and effluent is non pyrogenic USP bacterial endotoxins (< 0.25 EU/ml).
Quality standards	Produced under a certified quality system to guarantee traceability of manufacturing records.
Packing unit	One cartridge per box.

CLAROX® GF ordering information



Your FILTROX dealer:

Data contained in this bulletin are informative and subject to change without notice. User is responsible for determining whether the product is fit for particular purpose and suitable for user's method of application.